# PHILIPS 28GR6781

MODEL

SERVICE MANUAL

DIAGRAM G (NON NICAM VERSIONS)

*395 STEREO SOUND MODULE

2CS STEREO
( NOT FOR /56,/57 )

6) MONO MULTI SOUND
FOR /56 ONLY

* REFER TO TABLE

| IC7129 JUNCTION (V) | | | |
|---|---|---|---|
| | 1 | 2 | 7 |
| PAL B/G/H 5.5MHz | 0 | 7.5 | 4.04 |
| PAL I 6.0MHz | 0 | 7.5 | 6.65 |
| SECAM D/K 6.5MHz | 0 | 7.5 | 9.15 |
| NTSC M 4.5MHz | 11.2 | 0 | 3.42 |

2CS STEREO
( NOT FOR /56,/57)

G 82 MONO G 82 G 83

D90 8M13 8S13 | D89 7M13 7S13 | D92 2M13 2S13 | D91 3M13 3S13 | 1M13 1S13

R-out scart | L-out scart | MONO | L-in R-in | AUDIO-IN

7236 TDA8405/N2

7266 TDA8425/N1

IDENTIFICATION | CONTROL | PSEUDO | V= | I²C

SCL SDA

+12b | +32VS | BLK | 7610 L786

L-out 6S13 6M13 | R-out 5S13 5M13

SDA 2S14 2M14 | SCL 1S14 1M14

54,7kHz

ADJUST FILTER 117,5Hz | ADJUST FILTER 274,1Hz

UND

+12a | 5V | 12V4 | 4V05 | 6V1 | 6V08

11S13 11M13 +32

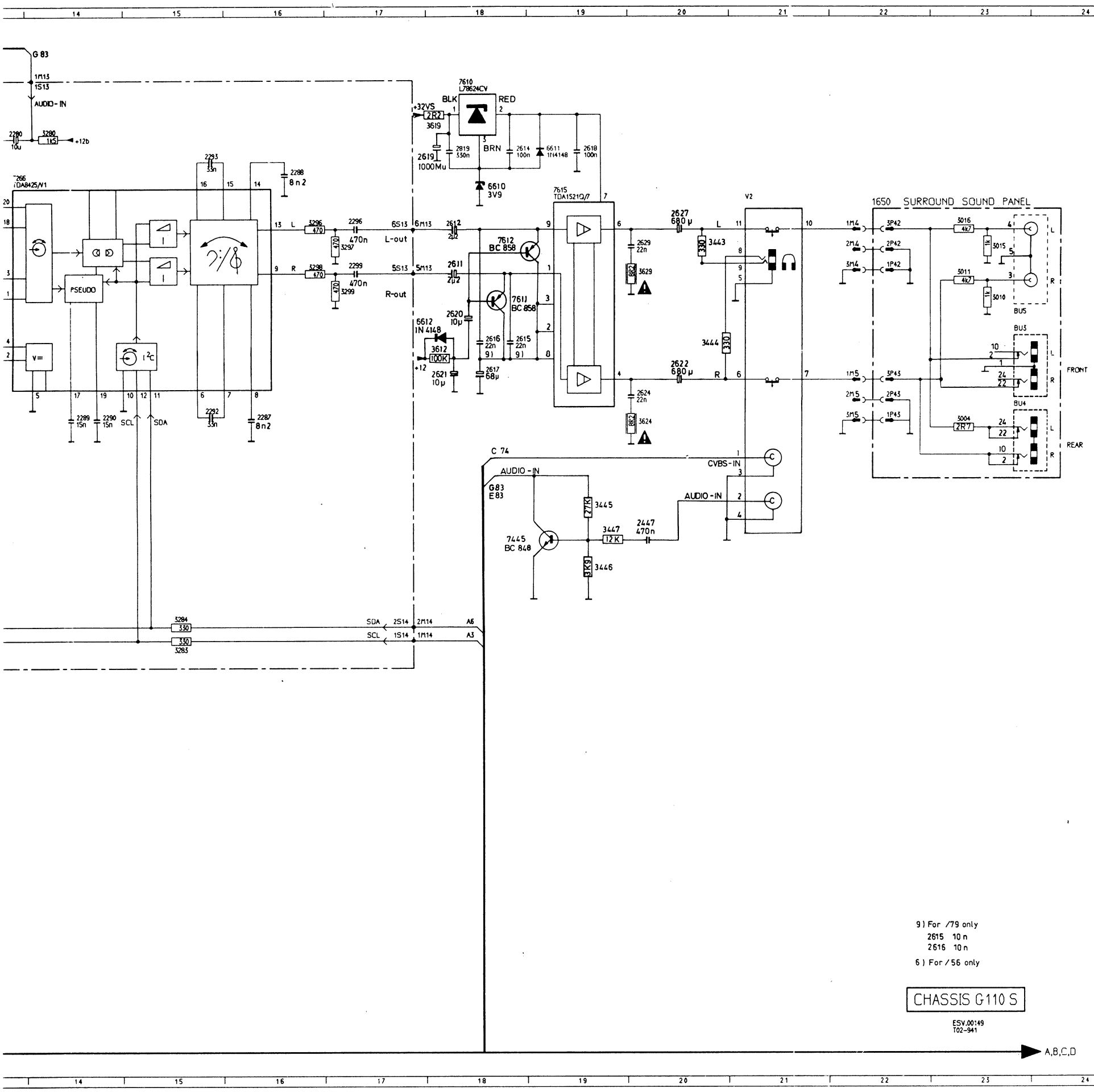
7129 1/2 LM358N

7129 LM358N

| IC7129 JUNCTION (V) | | | |
|---|---|---|---|
| | 1 | 2 | 7 |
| PAL B/G/H 5.5MHz | 0 | 7.5 | 4.04 |
| PAL I 6.0MHz | 0 | 7.5 | 6.65 |
| SECAM D/K 6.5MHz | 0 | 7.5 | 9.15 |
| NTSC M 4.5MHz | 11.2 | 0 | 3.42 |

* REFER TO TABLE

G 82 MONO




1101-F4 3280-B14
1107-F4 3283-F15
1117-G4 3284-F15
1120-G4 3286-D13
1201-C2 3296-B16
1208-B2 3297-C17
2100-F1 3298-C16
2109-G4 3299-C17
2110-G4 3624-D20
2112-G6 3629-C20
2113-G7 4272-C15
2114-G8 4274-C12
2121-H7 5140-H5
2123-H7 5141-H5
2125-H6 5206-D4
2128-H6 5211-A4
2129-I6 5233-E7
2130-J5 6105-F2
2138-I4 6106-F3
2139-I5 6115-F2
2140-H5 6116-F3
2141-H5 6121-H8
2201-C2 6126-E2
2203-C3 6134-I5
2204-D2 6135-I5
2206-D4 6136-I5
2208-B2 6269-A11
2209-C3 6610-B18
2210-C2 6611-B19
2211-A4 7206-D3
2212-C18 7251-D6
2213-B3 7256-D7
2214-B3 7248-E7
2215-B3 7266-D14
2216-C6 7269-A10
2217-B6 7610-A18
2231-C6 7615-B19
2232-D6 9269-B10
2233-D6 2202-C1
2234-D7 2205-C1
2236-A9 3202-C2
2237-C6 3132-J4
2238-D11 2132-J4
2239-C6 3277-A1
2243-E8 3219-A18
2245-E9 2622-D20
2251-E8 2627-B20
2252-E8
2253-E7
2254-E9 2447-E20
2255-E9
2259-B12
2260-B12 3445-E19
2263-E10 3446-E19
2264-E10 3447-F19
2265-E10 7445-E19
2266-E9 3619-A18
2271-C12
2272-C12
2273-C12
2274-C12
2276-D13
2277-B1
2278-B13
2279-B13
2280-B13
2286-D13
2287-D16
2288-B16
2289-D14
2290-D14
2292-D15
2293-B15
2296-B17
2299-C17
2443-C20
2611-B18
2614-B18
2615-D18
2616-D18
2617-D18
2618-B19
2624-D20
2629-C20
2819-B18
3004-D23
3010-C23
3011-C23
3015-B23
3016-B23
3100-F1
3101-E2
3102-E4
3105-F3
3107-F3
3108-F4
3109-G4
3112-G7
3115-F2
3117-F3
3118-F4
3120-G4
3121-F6
3122-F7
3123-G8
3124-G8
3125-G6
3126-E3
3127-I6
3128-H6
3130-J6
3133-J5
3134-J5
3136-J4
3138-I5
3201-D2
3206-D4
3208-C2
3211-B4
3231-D6
3232-D6
3233-D6
3237-C6
3238-C6
3239-B6
3240-B6
3241-E11
3243-E9
3244-E9
3245-D8
3246-E8
3247-E8
3248-F8
3251-D7
3254-E9
3255-D9
3256-E9
3257-E9
3259-C12
3260-C12
4261-B12
3269-B11
3444-D20
3443-B20
5278-B13
5279-B13

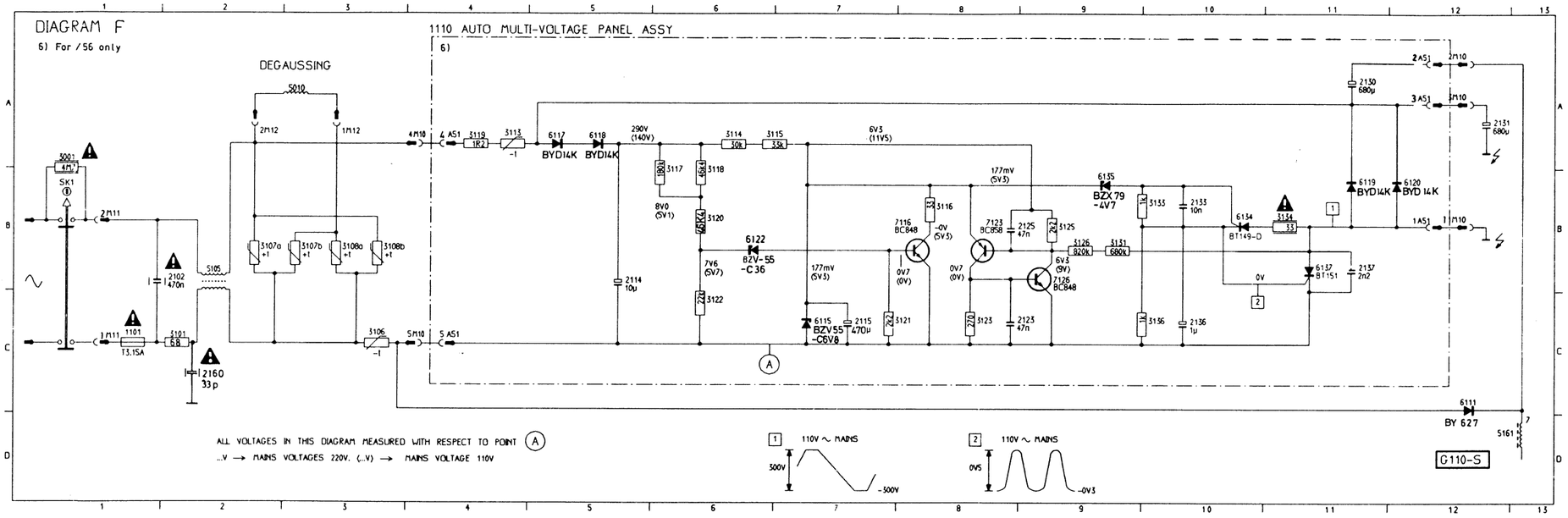
# DIAGRAM F

6) For /56 only

## 1110 AUTO MULTI-VOLTAGE PANEL ASSY

6)

DEGAUSSING




1101-C1
2102-C1
2114-C5
2115-C7
2123-C8
2125-B8
2130-A11
2131-A12
2133-B10
2136-C10
2137-B11
5001-B1
3101-C2
3106-C5
3107-B2
3108-B3
3113-A5
3114-A6
3115-A6
3116-B8
3117-B6
3118-B6
3119-A4
3120-B6
3122-C6
3123-C8
3125-B8
3126-B8
3131-B8
3133-B10
3134-B11
3136-C10
5010-A2
5105-C2
5161-B13
6111-C12
6115-C7
6117-A5
6118-A5
6119-B11
6120-B12
6134-B10
6135-B8
6137-B11
6122-B6
7116-B8
7123-B8
7126-B8
AS1 -A12
AS1 -C4
M10 -A4
M11 -B1
M12 -A2
SK1 -B1

ESV.00185
T21-940

SCHEMA D

6) SECAM-PAL TRANSCODER

1080 NTSC 3.58/4.43 SYSTEM IDENTIFICATION PANEL

6) ONLY FOR /56

1410 S-VHS PANEL 1) Not for 21"

PAL/SECAM A10 D10

SVHS-CONNECTOR

6) SECAM-PAL TRANSCODER

CHROMINANCE+LUMINANCE

7590 TDA3562A

1410 S-VHS PANEL

1) Not for 21"

CHROMA

Y + FILTER

Y - FILTER

CVBS-SCART

Y - SVHS

R-SCART

R-SVHS

L-SCART

L-SVHS

CHROMA SVHS

SVHS-CONNECTOR

ONLY FOR /56 DELETE 9005

LOGIC LEVEL CONVERSATION

R-IN

L-IN

CVBS - OUT

CVBS - IN

50/60 HZ

HUE

NTSC

OMINANCE +LUMINANCE

R-G-B AMPLIFIER

1991

SEE SERVICE MANUAL REMARKS

7465 TEA5101A

TELETEXT DECODER

FRAME FLYBACK

CHASSIS G110-S

1) For 21" only

6) For /56 only

PRS.06197 T02/957

1) For 21" only
3550 680 R

6) For /56 only
The following are also deleted:
3498, 3499, 3510, 3511, 4481, 4488, 4495, 4504, 4505, 4536, 4546
3535 10 K
3536 10 K

| | | | | | | |
|---|---|---|---|---|---|---|
| 1010 | D34 | 3407 | J25 | 6417 | D29 | |
| 1506 | E14 | 3410 | N33 | 6418 | F29 | |
| 1545 | G18 | 3411 | N33 | 6419 | A29 | |
| 1547 | G19 | 3412 | D28 | 6424 | N22 | |
| 2003 | K17 | 3412 | D32 | 6425 | D22 | |
| 2004 | L13 | 3413 | M27 | 6428 | N26 | |
| 2006 | L14 | 3413 | D31 | 6430 | L25 | |
| 2012 | L16 | 3414 | D26 | 6431 | M25 | |
| 2018 | O15 | 3415 | M26 | 6432 | M25 | |
| 2019 | N15 | 3415 | N31 | 6433 | N26 | |
| 2020 | M19 | 3416 | M27 | 6438 | M27 | |
| 2021 | M16 | 3423 | F32 | 6441 | D27 | |
| 2022 | O16 | 3427 | K27 | 6442 | D27 | |
| 2023 | N16 | 3428 | K26 | 6500 | L 7 | |
| 2024 | M16 | 3429 | L25 | 6501 | K 7 | |
| 2030 | M20 | 3430 | L25 | 6502 | L 9 | |
| 2375 | A26 | 3432 | L27 | 6503 | K 9 | |
| 2376 | B26 | 3433 | L26 | 6550 | M24 | |
| 2377 | E27 | 3434 | L25 | 7001 | J18 | |
| 2381 | C27 | 3435 | M25 | 7010 | L15 | |
| 2385 | D27 | 3437 | M27 | 7012 | K15 | |
| 2389 | G28 | 3438 | M26 | 7020 | M18 | |
| 2390 | F26 | 3439 | M25 | 7030 | L20 | |
| 2391 | F26 | 3440 | M25 | 7391 | E26 | |
| 2397 | F33 | 3441 | D27 | 7410 | N32 | |
| 2398 | G31 | 3442 | D27 | 7413 | D26 | |
| 2401 | K22 | 3458 | E 3 | 7415 | N31 | |
| 2403 | J25 | 3462 | A 2 | 7427 | K27 | |
| 2405 | L22 | 3463 | A 9 | 7432 | L27 | |
| 2407 | J25 | 3465 | B 2 | 7437 | M27 | |
| 2412 | H28 | 3466 | C 3 | 7442 | D26 | |
| 2415 | M26 | 3467 | C 3 | 7458 | E 3 | |
| 2417 | G30 | 3472 | A 4 | 7465 | B29 | |
| 2418 | F28 | 3473 | A 3 | 7495 | B15 | |
| 2419 | B29 | 3477 | A 7 | 7486 | B13 | |
| 2423 | F32 | 3481 | A11 | 7491 | D13 | |
| 2430 | L25 | 3482 | A15 | 7500 | E13 | |
| 2435 | L25 | 3483 | A16 | 7500 | L 2 | |
| 2440 | M25 | 3484 | A16 | 7501 | M 2 | |
| 2458 | G 3 | 3486 | B14 | 7502 | M 4 | |
| 2459 | G 3 | 3488 | C12 | 7503 | M 5 | |
| 2460 | C 4 | 3489 | C13 | 7504 | M 6 | |
| 2461 | D 3 | 3491 | C13 | 7505 | L 6 | |
| 2465 | B 2 | 3494 | B16 | 7506 | O 4 | |
| 2466 | C 3 | 3495 | B16 | 7507 | K 6 | |
| 2467 | C 3 | 3496 | B17 | 7508 | C16 | |
| 2468 | C 3 | 3497 | C15 | 7508 | L 9 | |
| 2473 | A 4 | 3498 | E12 | 7509 | K10 | |
| 2475 | A 6 | 3499 | E13 | 7518 | H 2 | |
| 2476 | A 6 | 3500 | D14 | 7526 | M12 | |
| 2477 | A 7 | 3500 | L 2 | 7529 | M12 | |
| 2478 | A 7 | 3501 | L 2 | 7530 | G12 | |
| 2479 | A 8 | 3502 | D15 | 7545 | I18 | |
| 2482 | A17 | 3502 | M 2 | 7547 | M19 | |
| 2485 | B12 | 3503 | M 2 | 7550 | B18 | |
| 2486 | B13 | 3503 | D15 | 7551 | D25 | |
| 2489 | C13 | 3504 | D15 | 9005 | M15 | |
| 2490 | C12 | | | 9522 | D 1 | |
| 2491 | C12 | | | 2408 | K11 | |
| 2494 | C14 | 3506 | E13 | 2456 | H 4 | |
| 2495 | C14 | 3506 | M 4 | 2457 | H 4 | |
| 2498 | C17 | 3507 | E12 | 2522 | E17 | |
| 2500 | D13 | 3507 | M 5 | 3456 | H 4 | |
| 2500 | L 3 | 3508 | M 5 | 3554 | H22 | |
| 2501 | M 3 | 3509 | C17 | 3574 | E17 | |
| 2502 | K 7 | 3509 | O 3 | 3590 | H10 | |
| 2503 | K 9 | 3510 | C17 | 3591 | H10 | |
| 2504 | D15 | 3510 | N 4 | 4403 | N20 | |
| 2505 | C17 | 3511 | G20 | 4407 | O20 | |
| 2506 | E11 | 3511 | J 6 | 6002 | K13 | |
| 2511 | M20 | 3512 | K 7 | 6458 | F 3 | |
| 2515 | F11 | 3513 | C16 | 6504 | L 4 | |
| 2523 | H 8 | 3513 | K 7 | 6505 | M 3 | |
| 2524 | H 7 | 3514 | K 8 | 6553 | I22 | |
| 2526 | F11 | 3515 | G 2 | 6554 | I22 | |
| 2536 | O15 | 3516 | G 1 | 7515 | D17 | |
| 2537 | H14 | 3516 | J10 | 7523 | H 7 | |
| 2544 | O15 | 3517 | I 1 | 7590 | H 9 | |
| 2545 | M18 | 3517 | L 8 | 9559 | D23 | |
| 2547 | H19 | 3518 | M 2 | 9565 | D25 | |
| 2550 | H22 | 3519 | I 1 | 9573 | C25 | |
| 2552 | G24 | 3520 | D 2 | | | |
| 2553 | A24 | 3521 | D 3 | | | |
| 2554 | A24 | 3523 | O 7 | | | |
| 2555 | F24 | 3524 | H 7 | | | |
| 2556 | G20 | 3526 | H11 | | | |
| 2557 | G21 | 3527 | G12 | | | |
| 2558 | G21 | 3528 | G12 | | | |
| 2559 | E25 | 3529 | G13 | | | |
| 2572 | C25 | 3530 | O13 | | | |
| 2575 | E24 | 3531 | H13 | | | |
| 2576 | D24 | 3532 | O13 | | | |
| 2577 | C24 | 3533 | H14 | | | |
| 2585 | D25 | 3535 | H14 | | | |
| 3001 | J17 | 3536 | O14 | | | |
| 3002 | J20 | 3544 | H15 | | | |
| 3003 | K17 | 3545 | H18 | | | |
| 3004 | L13 | 3546 | I18 | | | |
| 3005 | L14 | 3547 | H20 | | | |
| 3006 | L14 | 3548 | H18 | | | |
| 3007 | L15 | 3549 | H19 | | | |
| 3008 | K15 | 3550 | G24 | | | |
| 3009 | K15 | 3551 | G24 | | | |
| 3010 | L15 | 3552 | G25 | | | |
| 3011 | L15 | 3555 | M22 | | | |
| 3015 | K20 | 3556 | M21 | | | |
| 3018 | O15 | 3557 | M21 | | | |
| 3019 | M15 | 3558 | M21 | | | |
| 3021 | M18 | 3559 | D24 | | | |
| 3022 | M17 | 3572 | C24 | | | |
| 3023 | M17 | 3585 | D24 | | | |
| 3024 | M17 | 4481 | A11 | | | |
| 3025 | L17 | 4488 | B11 | | | |
| 3028 | L20 | 4495 | B14 | | | |
| 3029 | M20 | 4504 | F12 | | | |
| 3030 | L20 | 4505 | F12 | | | |
| 3031 | M20 | 4506 | F14 | | | |
| 3299 | K30 | 4536 | O14 | | | |
| 3371 | F27 | 4545 | H18 | | | |
| 3372 | F28 | 4546 | H19 | | | |
| 3373 | G27 | 5005 | L14 | | | |
| 3374 | D26 | 5394 | F33 | | | |
| 3375 | A26 | 5395 | F32 | | | |
| 3376 | B26 | 5462 | A 3 | | | |
| 3377 | D27 | 5466 | C 3 | | | |
| 3378 | E27 | 5473 | A 4 | | | |
| 3379 | D28 | 5476 | A 7 | | | |
| 3380 | C26 | 5481 | A16 | | | |
| 3381 | C27 | 5494 | C14 | | | |
| 3382 | C27 | 5495 | B15 | | | |
| 3383 | C28 | 5504 | E15 | | | |
| 3384 | D26 | 5506 | E14 | | | |
| 3385 | D27 | 6003 | K17 | | | |
| 3386 | D27 | 6004 | L12 | | | |
| 3387 | D28 | 6018 | O15 | | | |
| 3389 | F27 | 6019 | M15 | | | |
| 3390 | F28 | 6401 | K22 | | | |
| 3391 | E26 | 6403 | K25 | | | |
| 3392 | E31 | 6405 | E27 | | | |
| 3393 | D31 | 6406 | F27 | | | |
| 3394 | C31 | 6405 | K22 | | | |
| 3395 | F33 | 6407 | F27 | | | |
| 3396 | F32 | 6407 | K25 | | | |
| 3397 | F33 | 6410 | D28 | | | |
| 3401 | K21 | 6411 | D29 | | | |
| 3403 | J25 | 6412 | D31 | | | |
| 3405 | K21 | 6415 | M30 | | | |

DIAGRAM C

## CHANNEL SELECTOR

/75, /56 UV6XX , Item 4314 deleted
Others UV7XX , Item 4314 added

IF AMPLIFIER+DET+AGC

SOUND IF

( Only For /50, /75, /79 )

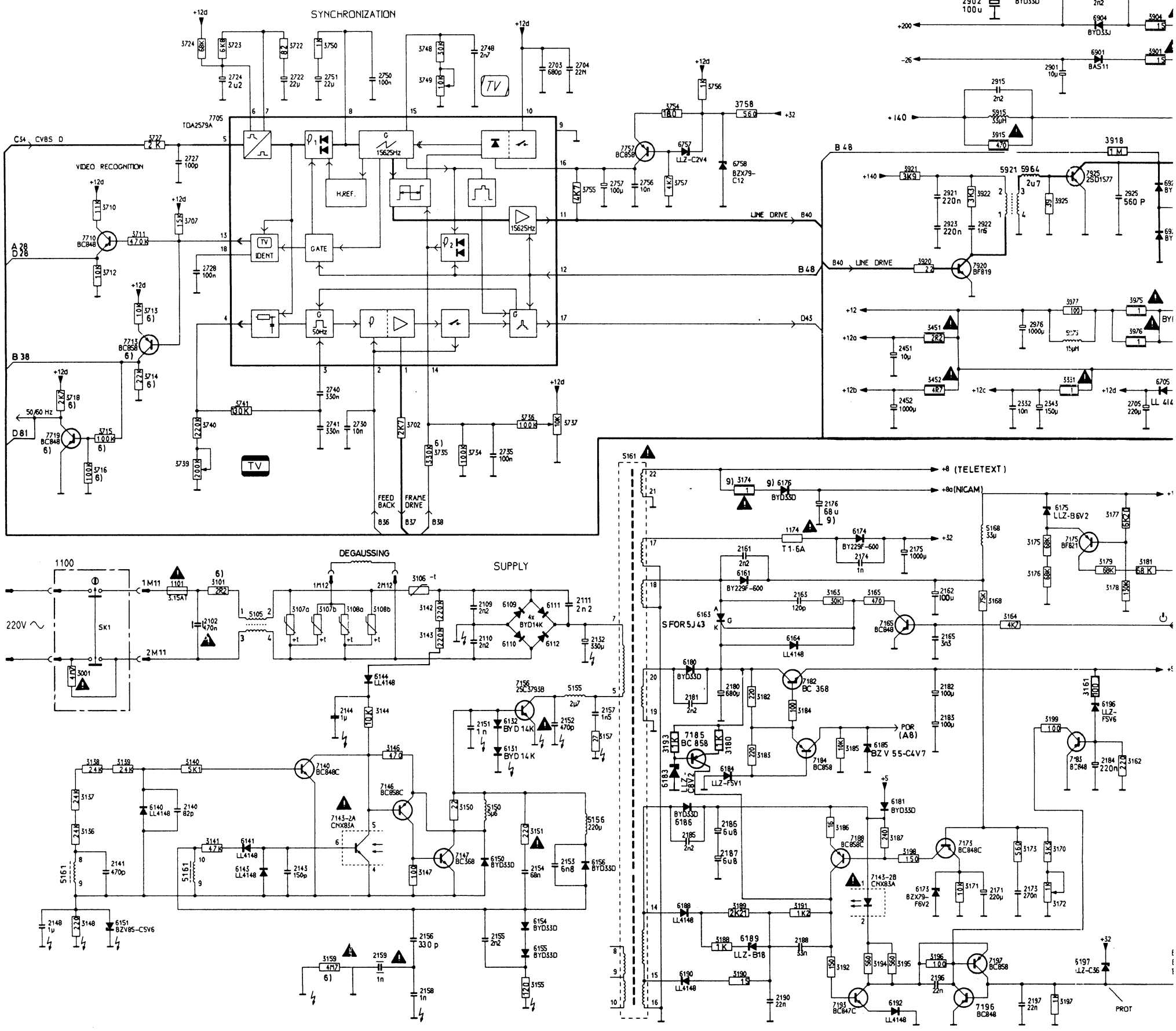
1) FOR 21" ONLY
6) FOR /56 ONLY
4316 DELETED

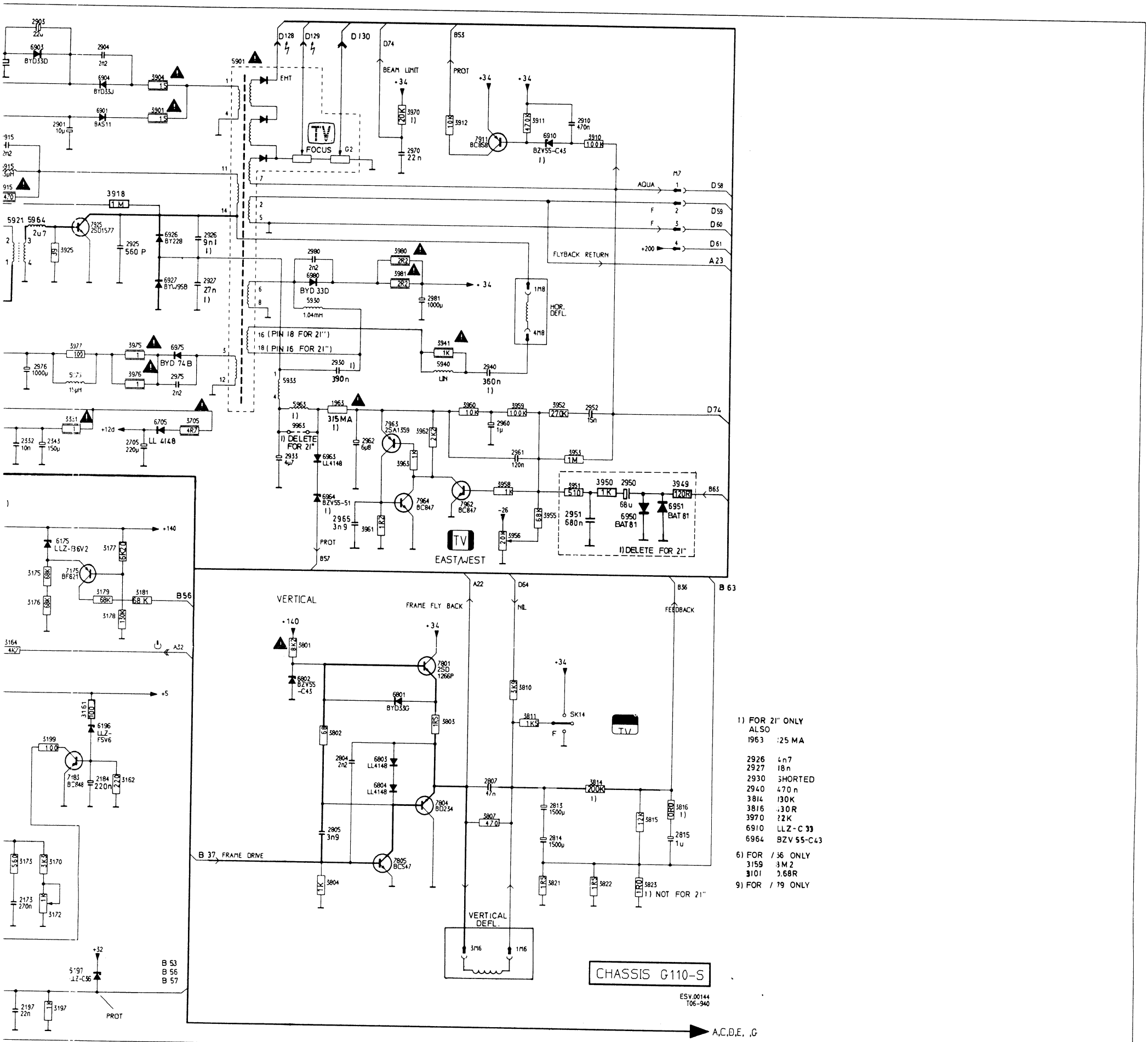
CHASSIS G110-S

PRS.06131
T02/93

| | | |
|---|---|---|
| | 1300 | C 1 |
| | 1320 | D 8 |
| | 1321 | D 8 |
| | 2300 | D 2 |
| A | 2304 | D 2 |
| A | 2306 | D 3 |
| A | 2307 | D 3 |
| A | 2309 | D 4 |
| A | 2311 | E 4 |
| A | 2312 | E 4 |
| | 2314 | D 5 |
| | 2315 | D 7 |
| | 2316 | C 5 |
| B | 2317 | D 6 |
| | 2325 | C 10 |
| | 2326 | G 10 |
| | 2330 | E 14 |
| | 2334 | C 12 |
| | 2335 | C 12 |
| | 2336 | B 12 |
| | 2340 | F 9 |
| | 2341 | F 9 |
| | 2346 | F 15 |
| C | 2355 | F 18 |
| | 2358 | G 19 |
| | 2359 | E 20 |
| | 2600 | L 10 |
| | 2601 | L 13 |
| | 2605 | L 11 |
| | 2607 | J 13 |
| | 2608 | J 14 |
| | 3346 | F 16 |
| D | 3504 | E 2 |
| D | 3312 | E 4 |
| D | 3314 | C 7 |
| D | 3316 | E 7 |
| D | 3317 | E 6 |
| D | 3325 | G 11 |
| D | 3326 | G 10 |
| D | 3336 | B 12 |
| D | 3341 | F 9 |
| D | 3348 | F 17 |
| D | 3349 | F 18 |
| | 3351 | F 20 |
| | 3358 | G 19 |
| | 3516 | D 6 |
| | 5317 | E 7 |
| | 5335 | A 11 |
| | 5336 | A 12 |
| | 5345 | E 14 |
| | 5346 | E 15 |
| | 5348 | E 17 |
| | 5600 | I 11 |
| | 5601 | J 14 |
| | 6316 | C 6 |
| | 7350 | E 20 |
| | 7355 | F 19 |
| | 7600 | J 10 |
| | 2310 | H 6 |
| | 2332 | G 12 |
| | 2343 | G 12 |
| | 3307 | F 2 |
| | 3308 | G 2 |
| | 3315 | G 5 |
| | 3316 | G 5 |
| | 3331 | H 11 |
| | 3345 | E 15 |
| | 4314 | F 7 |
| | 4316 | C 6 |
| | 4355 | F 19 |
| | 6355 | H 18 |
| | 7325 | D 13 |

# DIAGRAM B


SYNCHRONIZATION
VIDEO RECOGNITION
TDA2579A
7705
C54 CVBS D
A28
D28
B38
D81
50/60 Hz
H.REF.
GATE
TV IDENT
15625Hz
50Hz
LINE DRIVE
B40
B48
D43
FEED BACK
FRAME DRIVE
B36
B37
B38
DEGAUSSING
SUPPLY
220V ~
SK1
1100
1M11
2M11
1M12
2M12
5105
3107a
3107b
3108a
3108b
4x BYD14K
BYD 14K
BYD 14 K
7140 BC848C
7146 BC858C
7147 BC368
7143-2A CNX83A
7143-2B CNX83A
BZV85-C5V6
LL4148
BYD33D
BYD33J
BAS11
BY229F-600
T 1.6A
LLZ-B6V2
BF821
BC 368
BC 858
BZ V 55-C4V7
LLZ-B18
LLZ-C36
LLZ-F5V1
BC848C
BC858C
BC847C
BC848
BC858
BF819
2SD1577
BZX79-C12
BZX79-F6V2
LLZ-C6V2
LLZ-F5V6
+8 (TELETEXT)
+8a(NICAM)
+32
+12
+12a
+12b
+12c
+12d
+140
+200
-26
+5
POR (A8)
PROT
S FOR 5J43




1) FOR 21" ONLY
ALSO
1963 :25 MA

2926 4n7
2927 18n
2930 SHORTED
2940 470 n
3814 130K
3816 130R
3970 22K
6910 LLZ-C 33
6964 BZV 55-C43

6) FOR / 56 ONLY
3159 3M2
3101 0.68R
9) FOR / 79 ONLY

DIAGRAM A

1060 IR TRANSM.

1200 IR RECEIVER

1210 CONTROL UNIT PANEL

7200 TMP47C634M

CPU

EEPROM

P.O.R.

PAL/SECAM

7300 LA 7910

BZX 79-F27

FOR SVHS 6200 LL4148 1)

FOR MULTI SYSTEM 6201 LL4148 6)

1) For 21" only

6) For /56 only

CHASSIS G110-S

ESV.00166 T12/857

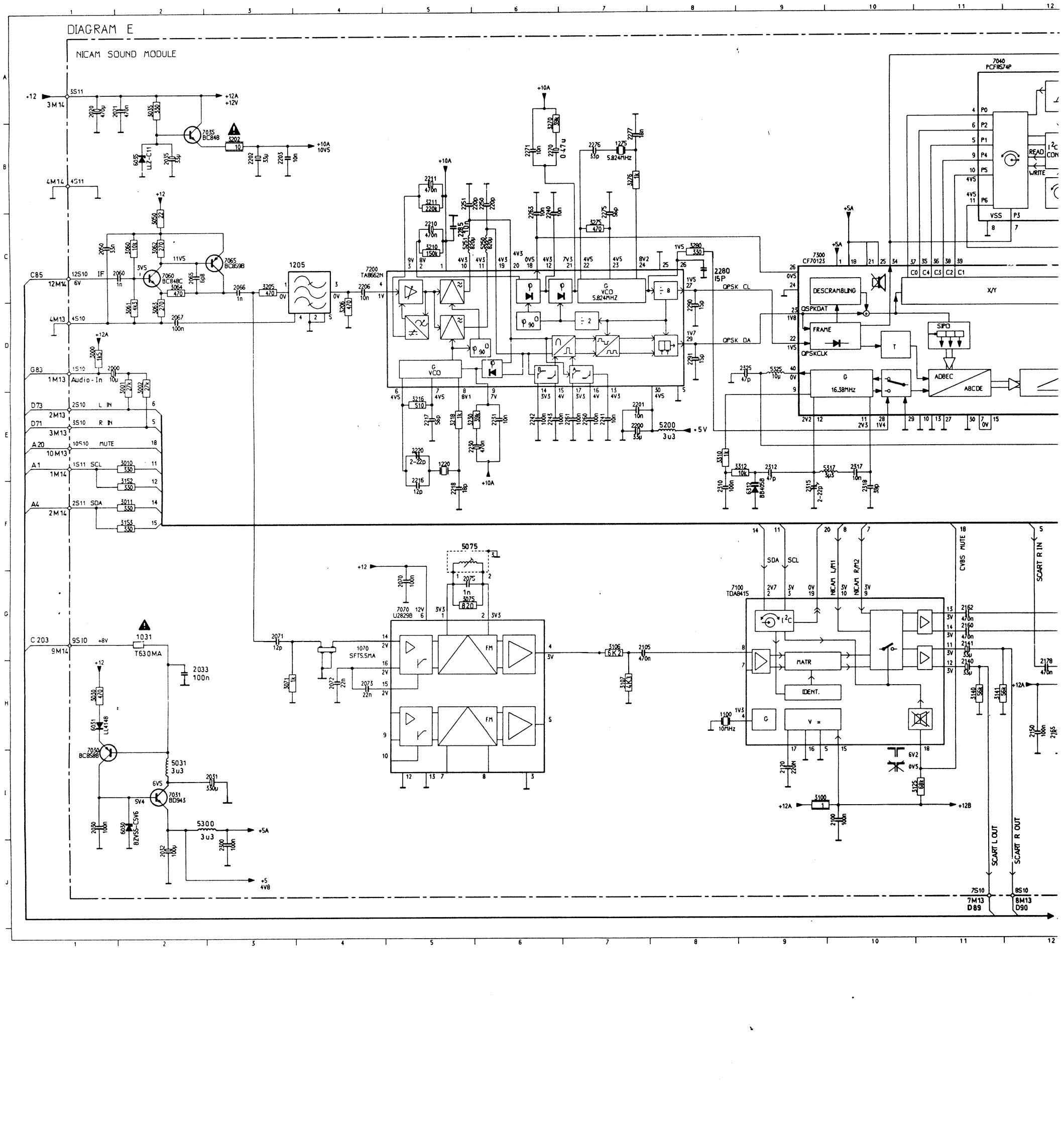
1255-I6
2207-A8
2211-A11
2213-A10
2218-B11
2219-B12
2235-H10
2240-H10
2245-I10
2250-I10
2255-J5
2256-J6
2257-B5
2258-G9
2259-G9
3206-C9
3205-C9
3210-A10
3213-B10
3215-B11
3216-A11
3217-A11
3218-A11
3219-A11
3220-A12
3223-B10
3224-B10
3225-B10
3228-B12
3227-B12
3229-B12
3230-C12
3235-G10
3240-H10
3241-H11
3242-H11
3243-H11
3245-H10
3246-H11
3247-I11
3248-H11
3250-I10
3251-I11
3252-I11
3253-I11
3254-I11
3255-H5
3256-B4
3257-B4
3258-B4
3262-D10
3263-D11
3264-E11
3267-E11
3268-E10
3269-E10
3278-H5
3279-H3
3290-F11
3292-F11
3294-E11

5258-F9
6211-A10
6256-C4
6257-C4
6290-F12
6292-F12
6294-E12
6297-F9
6200-F5
6201-F5

7214-B10
7225-B10
7264-D10
7268-E10
7278-G5
7200-B6
3200-F6
3276-G5
3277-G5
3300-C10
3301-C11
3420-H5
6298-D12
3226-B10

DIAGRAM E

NICAM SOUND MODULE



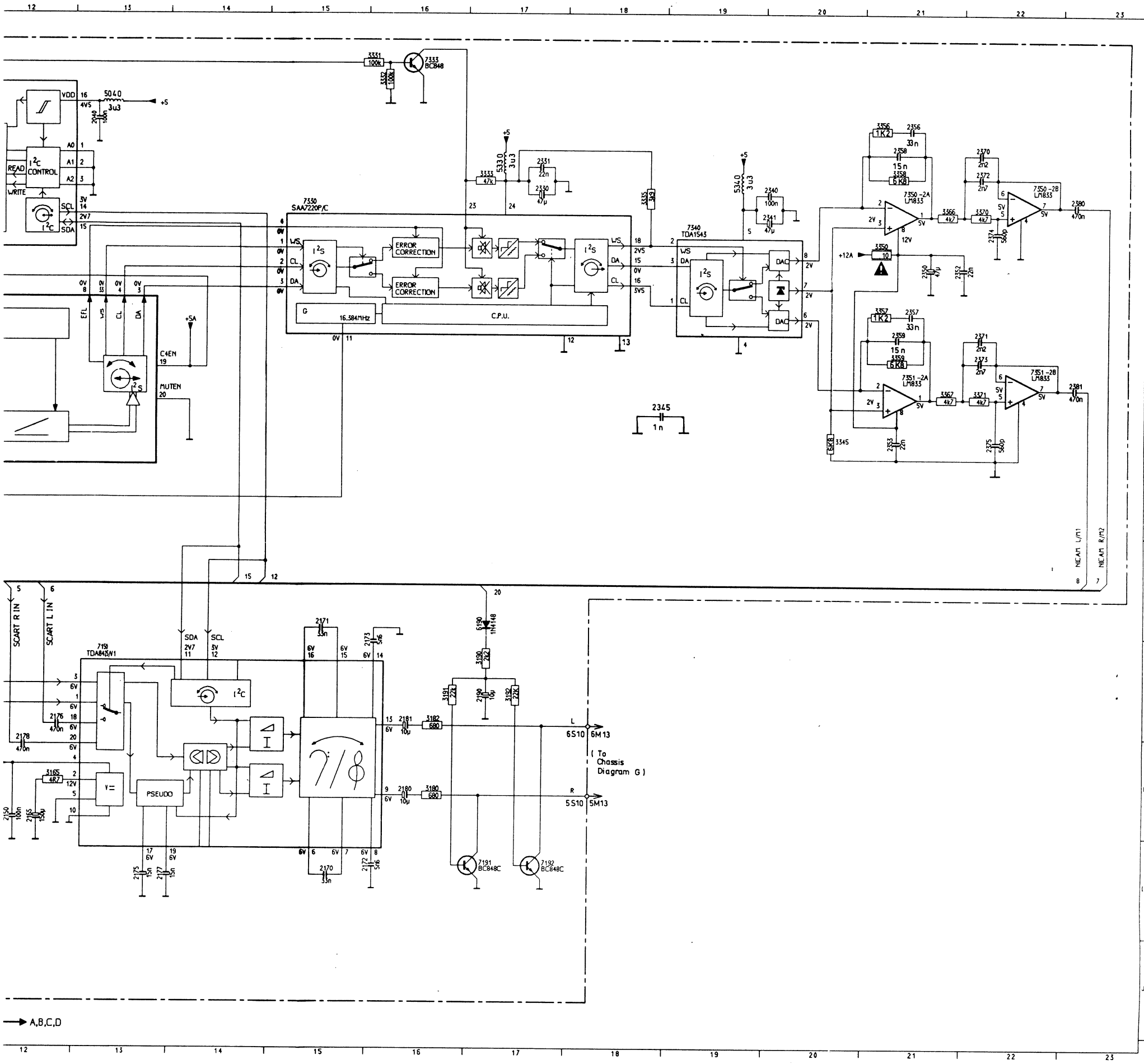

7330
SAA7220P/C
7340
TDA1543
7159
TDA8425/N1
I²C CONTROL
READ
WRITE
SCL
SDA
ERROR CORRECTION
C.P.U.
16.384MHz
PSEUDO
DAC
7350 -2A
LM1833
7350 -2B
LM1833
7351 -2A
LM1833
7351 -2B
LM1833
7191
BC848C
7192
BC848C
7333
BC848
SCART R IN
SCART L IN
C4EN
MUTEN
+SA
+5
+12A
NICAM L/11
NICAM R/12
( To
Chassis
Diagram G )
A,B,C,D

DIAGRAM C

CHANNEL SELECTOR
/75, /56 UV6XX . Item 4314 deleted .
Others UV7XX . Item 4314 added .

IF AMPLIFIER+DET+AGC

SOUND IF
( Only For /50./75./79 )

1) FOR 21" ONLY
6) FOR /56 ONLY
4316 DELETED

CHASSIS G110-S

PRS 06191
T02/957

| | | |
|---|---|---|
| 1500 | C 1 | |
| 1520 | D 8 | |
| 1521 | D 8 | |
| 2300 | D 2 | |
| 2304 | D 2 | |
| 2306 | D 3 | |
| 2307 | D 3 | |
| 2309 | D 4 | |
| 2311 | E 4 | |
| 2312 | E 4 | |
| 2314 | D 5 | |
| 2315 | D 7 | |
| 2316 | C 5 | |
| 2317 | D 6 | |
| 2325 | C10 | |
| 2326 | G10 | |
| 2330 | E14 | |
| 2334 | C12 | |
| 2335 | C12 | |
| 2336 | B12 | |
| 2340 | F 9 | |
| 2341 | F 9 | |
| 2346 | F15 | |
| 2355 | F18 | |
| 2358 | G19 | |
| 2359 | E20 | |
| 2600 | L10 | |
| 2601 | L13 | |
| 2605 | L11 | |
| 2607 | J13 | |
| 2608 | J14 | |
| 3346 | F16 | |
| 3504 | E 2 | |
| 3512 | E 4 | |
| 3514 | C 7 | |
| 3516 | E 7 | |
| 3517 | E 6 | |
| 3525 | G11 | |
| 3526 | G10 | |
| 3536 | B12 | |
| 3541 | F 9 | |
| 3548 | F17 | |
| 3549 | F18 | |
| 3351 | F20 | |
| 3358 | G19 | |
| 5316 | D 6 | |
| 5317 | E 7 | |
| 5335 | A11 | |
| 5336 | A12 | |
| 5345 | E14 | |
| 5346 | E15 | |
| 5348 | E17 | |
| 5600 | L11 | |
| 5601 | J14 | |
| 6316 | C 6 | |
| 7350 | E20 | |
| 7355 | F19 | |
| 7600 | J10 | |
| 2310 | H 6 | |
| 2332 | G12 | |
| 2343 | G12 | |
| 3307 | F 2 | |
| 3308 | G 2 | |
| 3315 | G 5 | |
| 3316 | G 5 | |
| 3331 | H11 | |
| 3345 | E15 | |
| 4314 | F 7 | |
| 4316 | C 6 | |
| 4355 | F19 | |
| 6355 | H18 | |
| 7325 | D13 | |